

05-12-05

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PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|   |                        |              |
|---|------------------------|--------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/734,999   |
|   | Filing Date            | 12/12/2003   |
|   | First Named Inventor   | Marsh et al. |
|   | Art Unit               | 2822         |
|   | Examiner Name          | D. Kuong     |
| Total Number of Pages in This Submission  | Attorney Docket Number | MI22-2461    |

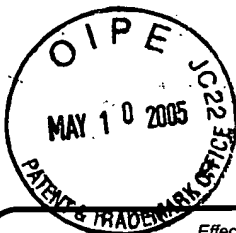
| ENCLOSURES (Check all that apply)  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                     | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to a Technology Center (TC)      |
| <input checked="" type="checkbox"/> Fee Attached                             | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply                                     | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Terminal Disclaimer                              | Form PTO-1449; A \$180.00 Check   |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> Request for Refund                               |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> CD, Number of CD(s) _____                        |   |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    | Remarks   |   |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <b>EV550714785</b>  |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |
|--|---|
| Firm or Individual                         | Mark S. Matkin, Reg. No. 32,268<br>Wells St. John, P.S. |
| Signature                                  |   |
| Date                                       | 5/10/05   |

| CERTIFICATE OF TRANSMISSION/MAILING  |             |      |         |
|--|-------------|------|---------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as express mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____ |             |      |         |
| Typed or printed   | Jim Tidrick |      |         |
| Signature  |             | Date | 5-10-05 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

### Complete if Known

|                      |               |
|----------------------|---------------|
| Application Number   | 10/734,999    |
| Filing Date          | 12/12/2003    |
| First Named Inventor | Marshi et al. |
| Examiner Name        | K. Duong      |
| Art Unit             | 2822          |
| Attorney Docket No.  | MI22-2461     |

### METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John P.S.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

#### 2. EXCESS CLAIM FEES

| Fee Description  | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues)                                | 50       | 25                    |
| Each independent claim over 3 (including Reissues)                     | 200      | 100                   |
| Multiple dependent claims  | 360      | 180                   |
| <b>Total Claims</b>  |          |                       |
| - 20 or HP = _____ x _____ = _____                                     |          |                       |
| HP = highest number of total claims paid for, if greater than 20.      |          |                       |
| <b>Indep. Claims</b>   |          |                       |
| - 3 or HP = _____ x _____ = _____                                      |          |                       |
| HP = highest number of independent claims paid for, if greater than 3. |          |                       |

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets \_\_\_\_\_ Extra Sheets \_\_\_\_\_ Number of each additional 50 or fraction thereof \_\_\_\_\_ Fee (\$)

- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_ Fee Paid (\$)

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Supplemental Information Disclosure Statement

Fees Paid (\$)

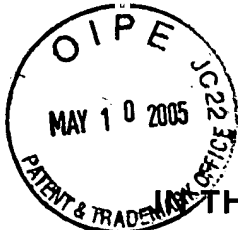
\$180.00

#### SUBMITTED BY

|                   |                |  |                          |
|-------------------|----------------|--|--------------------------|
| Signature         |                | Registration No. (Attorney/Agent) 32,268 | Telephone (509) 624-4276 |
| Name (Print/Type) | Mark S. Matkin | Date                                     | 5/10/05                  |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Serial No. .... 10/734,999  
Filing Date ..... December 12, 2003  
Inventor ..... Eugene Marsh  
Assignee ..... Micron Technology, Inc.  
Group Art Unit ..... 2822  
Examiner ..... Khanh B. Duong  
Attorney Docket No. .... MI22-2461  
Customer No. .... 021567  
Title ..... Deposition Methods With Time Spaced and Time Abutting Precursor Pulses

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

References -- See Attached Form PTO-1449

The attached Form PTO-1449 is submitted in compliance with 37 CFR §1.56. Pursuant to FEDERAL REGISTER, Vol. 69, No. 182, pg. 56542 (September 21, 2004), no copies of any cited U.S. patents or U.S. published applications are included herewith. Copies of all other cited art are attached. No admission is made regarding whether the listed references are prior art.

Respectfully submitted,

Dated: \_\_\_\_\_

5-10-05

By: \_\_\_\_\_

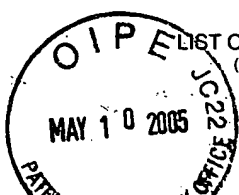
Mark S. Matkin  
Reg. No. 32,268

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|   |  |                                  |                          |
|---|--|----------------------------------|--------------------------|
| Form PTO-1449   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>MI22-2461    | SERIAL NO.<br>10/734,999 |
|  LIST OF ART CITED BY APPLICANT<br>(Use several sheets if necessary) |  | APPLICANT: Eugene Marsh et al.   |                          |
|   |  | FILING DATE<br>December 12, 2003 | GROUP<br>2822            |

| U.S. PATENT DOCUMENTS |    |                 |         |                  |       |          |                            |
|-----------------------|----|-----------------|---------|------------------|-------|----------|----------------------------|
| *Examiner's Initials  |    | Document Number | Date    | Name             | Class | Subclass | Filing Date If Appropriate |
|                       | AA | 2004/0083959 A1 | 05/2004 | Carpenter et al. | 118   | 715      |                            |
|                       | AB |                 |         |                  |       |          |                            |
|                       | AC |                 |         |                  |       |          |                            |
|                       | AD |                 |         |                  |       |          |                            |
|                       | AE |                 |         |                  |       |          |                            |
|                       | AF |                 |         |                  |       |          |                            |
|                       | AG |                 |         |                  |       |          |                            |
|                       | AH |                 |         |                  |       |          |                            |
|                       | AI |                 |         |                  |       |          |                            |

| FOREIGN PATENT DOCUMENTS |    |                 |      |         |       |          |             |    |
|--------------------------|----|-----------------|------|---------|-------|----------|-------------|----|
|                          |    | Document Number | Date | Country | Class | Subclass | Translation |    |
|                          |    |                 |      |         |       |          | Yes         | No |
|                          | AJ |                 |      |         |       |          |             |    |
|                          | AK |                 |      |         |       |          |             |    |
|                          | AL |                 |      |         |       |          |             |    |

| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) |    |                 |  |
|---|----|-----------------|--|
|   | AM |                 |  |
|   |    |                 |  |
|   | AN |                 |  |
|   |    |                 |  |
|   | AO |                 |  |
|   |    |                 |  |
| EXAMINER  |    | DATE CONSIDERED |  |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.